

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MAERTENS et al.

Serial No. 09/638,693

Filed: August 15, 2000

Title: NEW SEQUENCES OF HEPATITIS C VIRUS GENOTYPES AND THEIR USE AS  
THERAPEUTIC AND DIAGNOSTIC AGENTS

Assistant Commissioner for Patents

Washington, DC 20231

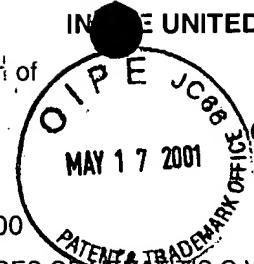
Atty Dkt. 2752-15

C# M#

Group Art Unit: Unassigned

Examiner: Unassigned

Date: May 17, 2001



#91024  
RECEIVED  
JUN 08 2001  
TECH CENTER 1600/2900

Sir:

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

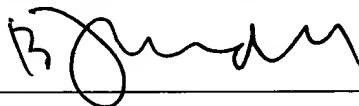
**Fees are attached as calculated below:**

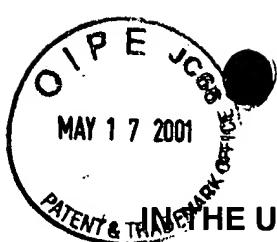
Total effective claims after amendment previously paid for	42 44	minus highest number (at least 20) =	0 x \$ 18.00	<i>TRADEMARK OFFICE</i>	\$ 0.00
Independent claims after amendment previously paid for	18 20	minus highest number (at least 3) =	0 x \$ 80.00		\$ 0.00
If proper multiple dependent claims now added for first time, add \$270.00 (ignore improper)					\$ 0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$390.00/2 months; \$890.00/3 months)					\$ 0.00
Terminal disclaimer enclosed, add \$ 110.00					\$ 0.00
<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$710.00)					\$ 0.00
<input type="checkbox"/> Please enter the previously unentered , filed					
<input type="checkbox"/> Submission attached				<b>Subtotal</b>	\$ 0.00
If "small entity," then enter half (1/2) of subtotal and subtract <input type="checkbox"/> Statement filed herewith					-\$ 0.00
Rule 56 Information Disclosure Statement Filing Fee (\$180.00)					\$ 0.00
Assignment Recording Fee (\$40.00)					\$ 0.00
Other:					<b>0.00</b>
			<b>TOTAL FEE ENCLOSED</b>		<b>\$ 0.00</b>

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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By Atty: B. J. Sadoff, Reg. No. 36,663

Signature: 



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE TECH CENTER 1600/2900

In re Patent Application of

**MAERTENS et al.**

Atty. Ref.: **2752-15**

Serial No. **09/638,693**

Group: **Unassigned**

Filed: **August 15, 2000**

Examiner: **Unassigned**

For: **NEW SEQUENCES OF HEPATITIS C VIRUS  
GENOTYPES AND THEIR USE AS THERAPEUTIC AND  
DIAGNOSTIC AGENTS**

\* \* \* \* \*

**May 17, 2001**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**PRELIMINARY AMENDMENT**

Preliminarily amend the above-identified application as follows.

**IN THE CLAIMS**

Amend the claims as follows.

*231-53*  
Cancel claims ~~24-55~~, without prejudice.

Insert the following claims:

*Sub 56*  
C 11/17  
--56. (new) An isolated polypeptide or peptide consisting of 5 or more contiguous amino acids selected from at least one HCV polypeptide or peptide selected from the group consisting of:  
an HCV type 3a polypeptide or peptide selected from the region spanning positions 140 to 319 of the Core/E1 region of HCV type 3a;